

Mult
TOP SECRET

PRIORITY

P 192252Z
FM NPIC
TO YWQLAZC/AFSSO ACIC
ZEM
T O P S E C R E T

OUT52499

1963 DEC 10 23 21Z

PROJECT CORONA.

RELEASABLE FROM SSO CHANNELS. CITE NPIC 1606.
FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

THE FOLLOWING INFORMATION IS TRANSMITTED AT THE REQUEST OF

DR. MAHONEY.

A. FOREWARD

PUBLICATION REVIEW

ABSTRACT

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

LIST OF TABLES

PET MEMBERS

PET OBJECTIVES

B. SECTION 1: BRIEF SYSTEM DESCRIPTION

CAMERA

STRUCTURE

VEHICLE

OPERATIONAL CONCEPTS

NORMAL EXPECTED PERFORMANCE

TOP SECRET

25X1

25X1

25X1

20 DEC 1963

HFS

CJS

CEC

PNS

ACL

Grace (File)

25X1

GROUP 1
Excluded from automatic
downgrading and
declassification

C. SECTION 11: COMMAND AND GEOPOSITIONING

COMMAND STRUCTURE

TRACKING AND CONTROL RESPONSE

ATTITUDE CONTROL

GEOPOSITIONING

INDEXING

D. SECTION 111: ON-ORBIT OPERATIONS

PROGRAMMING

CAMERA OPERATION

EXPOSURE SELECTION

IMC

HORIZON

S/I

E. SECTION IV: DATA PROCESSING AND MEASUREMENT

O.N. PROCESSING

MEASUREMENT TECHNIQUES

MIP

RES

MA

DENSITY

F. SECTION V: PERFORMANCE EVALUATION

PANORAMIC INSTRUMENT

1

-5

EXPOSURE

IMC

ATTITUDE CONTROL

SMEAR

GROUND RESOLUTION

CONTRAST EFFECTS

HAZE

CLOUDS

STELLAR-INDEX CAMERA

EXPOSURE

IMC

ATTITUDE CONTROL

SMEAR

GROUND RESOLUTION

CONTRAST EFFECTS

HAZE

CLOUDS

G. SECTION VI: CONCLUSIONS

NORMALLY ACHIEVED PERFORMANCE

SUITABILITY OF SYSTEM FOR

INTELLIGENCE

CARTOGRAPHY

H. SECTION V111: RECOMMENDATIONS

HARDWARE

DATA

I. SECTION V111: ADDENDUM-2

A. NPIC/AMS/ACIC REPORT

B. SPPL TERO'S

SCP-1.

T O P S E C R E T

-END OF MESSAGE-

1